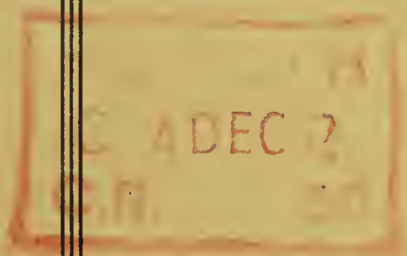


COSELEY URBAN DISTRICT COUNCIL



ANNUAL REPORTS

OF THE

Medical Officer of Health

AND

Chief Sanitary Inspector

ON THE

Public Health Services

For the Year

1951

Printed by Order of the Council



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Committees

HEALTH COMMITTEE

Chairman : Councillor Mrs. TURTON.

Vice-Chairman : Councillor Mrs. WEBB.

Councillor Childs	Councillor Pointon
„ Cox	„ Richards
„ Fieldhouse	„ Smout, J. W.
„ Flavell	„ Watton.
„ George	
„ Jevons	

ESTATES COMMITTEE

Chairman : Councillor J. W. SMOUT

Vice-Chairman : Councillor BEACH

Councillor Fieldhouse	Councillor Richards
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„ Smout, R. J.	„ Turton
„ Watton	„ Webb
„ Bennett	„ Childs
„ Cox	„ Oliver
„ Davies	„ Allen, C. C.
„ Wathan	
„ Wilson, C.C.	

SEWERAGE COMMITTEE

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Vice-Chairman : Councillor BEACH

Councillor Bennett	Councillor Oliver
„ Cox	„ R. J. Smout
„ Davies	„ Wathan
„ Fieldhouse	„ Wilson, C.C.

STAFF OF THE PUBLIC HEALTH DEPARTMENT

Medical Officer of Health—

J. T. A. GEORGE, M.B., Ch.B., D.P.H.

Chief Sanitary Inspector and Inspector of Factories—

GEORGE H. PARKES, C.R.S.I., M.S.I.A., M.I.H.

Additional Sanitary Inspector—

EDWARD R. SWIFT, Cert. S.I.B.

Pupil Sanitary Inspector—

JOHN G. DAVIES.

CLERKS—

Miss J. DAVIES (Resigned December 1951).

Miss M. HALL (Resigned February 1951).

Miss M. MAGNESS (From August 1951).

RODENT OPERATOR AND GENERAL ASSISTANT—

ARTHUR GRAINGER.

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE YEAR 1951

*To the Chairman and Members of the
Coseley Urban District Council.*

LADIES AND GENTLEMEN,

I have much pleasure in submitting my report for the year 1951.

The vital statistics show that the post-war decline in the birth rate has continued. In the 4 years 1947/1950 the crude rate fell from 21.4 to 17.2 per 1,000 population. In 1951 the comparable figure was 16.7 and this becomes 15.9 when the comparability factor for the area is applied. I cannot share the popular disquiet at the falling birth rate.

The fall in the number of still births (17 in 1950, 9 in 1951) is welcome as is the improved infant mortality rate. This latter is still much too high at 41.3 per 1,000 live births, a rate that compares favourably with the 1950 figure of 47.3, but unfavourably with the 1949 figure of 20.8. Wide variations in the rate are, however, inevitable with the small numbers involved.

The routine work of the Health Department concerned with Infectious Diseases was dominated by an outbreak of diphtheria which is referred to later in Section B. As is pointed out in that Section, this dangerous disease is not new to Coseley. In spite of this many parents still oppose immunisation of their children while others are apathetic or lazy. In the face of the sharp outbreak in 1951 some 87% of the school children were inoculated. Parental consent was withheld in the remaining 13%.

I should like here to thank the County Laboratory and School Health Services for their co-operation and help in the investigation and immunisation of children during the outbreak.

The future incidence of diphtheria in Coseley must largely depend on the extent to which parents take advantage of the immunisation service which is available. There are still far too few children of less than 5 years receiving an artificially induced immunity and the existence of an unprotected group of appreciable size in a population in which the disease is endemic can only lead to further trouble in the future.

The housing problem continues to provide much work for this Department. In addition to the investigation of the numerous and varied complaints made by frustrated applicants for new council houses a great deal of time has been spent in the assessment of medical priorities for which the housing points scheme makes provision. All applicants submitting a medical note in support of their claim, and few fail to submit such a note, have been visited and placed in a suitable category. Nearly all those cases awarded an overriding priority were cases or contacts of Pulmonary Tuberculosis and, while this is very much in the interests of the public health, the existence of this short cut to a new house is now widely known. Steps should be taken to prevent abuse of the system.

Atmospheric Pollution continues to present a problem although several factories have greatly reduced their pollution and co-operation generally has been good.

The water supply to the district has not been uniformly satisfactory and I refer to this in Section D.

I should like to acknowledge gratefully the loyalty and assistance given to me by all the members of the staff of the Health Department during the year.

I am,

Your obedient servant,

J. T. A. GEORGE.

SECTION A.

STATISTICS OF THE AREA

Area of District in acres	3,294
Population—1951 Census	34,414
Population—Reg. General's Estimate (mid. 1951)	34,720
Rateable Value	£118,400
Amount of General Rate	20/- in £
Sum represented by penny rate	£486/0/0
No. of houses on Rate Book, September 1951	9,386

VITAL STATISTICS

Extracts from Vital Statistics for the Year

Births

Number of live births registered in the district
(Reg. General's figures)—307 males, 274 females 581

	<i>Males</i>	<i>Females</i>	
Legitimate	302	268	570
Illegitimate	5	6	11
	—	—	—
Total	307	274	581
	—	—	—

Crude birth rate per 1,000 population	16.7
Standardised birth rate (area comparability factor 0.95)	15.9
Number of still births registered in the district (Reg. General's figures)—3 males, 6 females)	9
Illegitimate still births	Nil
Stillbirth rate per 1,000 population	0.29
Stillbirth rate per 1,000 live and stillbirths	15.3

Deaths

Number of deaths registered in the district (Reg. General's figures)—209 males, 195 females	404
Crude death rate per 1,000 population	11.6
Standardised death rate (Area comparability factor 1.31)	15.2

Puerperal Deaths

Deaths as a result of Pregnancy, child birth or abortion	1
----------------------------------------------------------------	---

Number of deaths of infants under one year of age

		<i>Males</i>	<i>Females</i>	
Legitimate	.....	16	8	24
Illegitimate	.....	—	—	—
		—	—	—
TOTALS		16	8	24
		—	—	—

Infant mortality per 1,000 Live births 41.3

Number of deaths of infants under 4 weeks of age.

		<i>Males</i>	<i>Females</i>	
Legitimate	.....	10	2	12
Illegitimate	.....	—	—	—
		—	—	—
TOTALS		10	2	12
		—	—	—

Death Rates of Certain Diseases.

*Death Rate
per 1,000 pop.*

Respiratory Tuberculosis	.....	0.52
Other forms of Tuberculosis	.....	0.12
Cancer (all forms, including Leukaemia)	.....	1.59
Influenza	.....	0.29
Pneumonia	.....	0.52
Bronchitis	.....	1.00
Diseases of cardio-vascular system (including Hypertension)	.....	3.17
Vascular lesions of nervous system	.....	1.09
Violence (including accidents, motor accidents, suicide, homicide, and operations of war)	.....	0.52
Gastritis, Enteritis and Diarrhoea	.....	0.12

SECTION B

INFECTIOUS DISEASES—NOTIFICATIONS

During the year 1,313 cases of Infectious Disease (excluding Tuberculosis) were notified as below :—

Diphtheria	.....	92
Scarlet Fever	.....	94
Pneumonia	.....	150
Poliomyelitis	.....	2
Whooping Cough	.....	271
Measles	.....	674
Dysentery	.....	10
Erysipelas	.....	9
Opthalmia Neonatorum	.....	3
Food poisoning	.....	6
Typhoid and Paratyphoid Fever	.....	1
Gastro Enteritis	.....	1

Details of notifications, admission to hospital and confirmation or otherwise of the diagnosis are recorded in Table XI, Section E.

Diphtheria.

In 1951 Coseley and the surrounding districts experienced an outbreak of Diphtheria of a size unusual in this country at the present time. There were 92 notifications in this area and 58 of these were confirmed clinically as Diphtheria. One patient died. In seven districts nearby (excluding Wolverhampton and Dudley) with a population of 232,836 there were 94 notifications of which 50 were late confirmed. In these seven districts (Bilston M.B., Darlaston U.D., Rowley Regis M.B., Sedgley U.D., Wednesbury M.B., Willenhall U.D. and Tipton M.B.) there were 5 deaths. Thus Coseley had the unenviable experience of being by far the most seriously affected area.

Unfortunately this heavy incidence of Diphtheria is not new to this area. Before 1939 the incidence of the disease in Coseley compared favourably with that in England and Wales as a whole. Since that year the reverse has been the case. The following table shows the way in which the incidence elsewhere has declined in contrast with the experience in Coseley. It will be remembered that the Government began its immunisation campaign in 1940 :—

DIPHTHERIA—1930-1951

Case rates per 1,000 population
comparing National Incidence with that of Coseley

YEAR	ANNUAL CASE RATES PER 1,000 POPULATION	
	England & Wales	Coseley
1930	1.84	1.04
1931	1.26	0.63
1932	1.08	0.43
1933	1.18	0.31
1934	1.70	0.46
1935	1.60	1.63
1936	1.39	1.57
1937	1.49	1.46
1938	1.58	1.07
1939	1.15	0.47
1940	1.14	2.57
1941	1.28	2.98
1942	1.05	1.58
1943	0.88	1.29
1944	0.59	1.94
1945	0.46	1.15
1946	0.29	0.51
1947	0.13	0.68
1948	0.08	0.79
1949	0.04	1.05
1950	0.02	0.33
1951	0.02	1.69

In this area, as in the surrounding districts, the heaviest incidence of the disease was on children of school age. Next most affected were the children of under school age and the least affected was the adult population. In spite of this, investigation of the individual cases failed to show that the infection was spread mainly at school, and what evidence there was suggested that the infection was spread at home rather than at school.

The immunisation state of the child population of the area was enquired into and, notwithstanding the efforts referred to in my report for 1950 which were reflected in the Ministry annual return for 1950 (this showed that 73% of Coseley school children had been immunised before 31/12/50), it was found that the official returns of immunisations performed gave an unduly optimistic picture when the actual level of immunity required in an area such as this was considered.

To combat the epidemic in school children the County Health Department offered a full primary course of immunisation to parents of every child in the schools. 87% of the parents consented and between the 22nd October, and 7th December approximately 3,500 children were thus inoculated.

Tuberculosis.

64 cases were notified and there were 22 deaths.

NOTIFICATIONS

YEAR	MALES	FEMALES	TOTAL
1951	38	26	64
1950	38	30	68
1949	28	15	43
1948	32	25	57
1947	29	10	39

Our Health visitors made 43 first visits and 506 re-visits to tuberculosis cases during the year.

Food Poisoning.

There were four isolated cases of food poisoning notified and confirmed during the year. There were no deaths.

SECTION C.

GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA

A list of the Officials of the Health Department will be found at the beginning of this report.

1. (a) Laboratory Facilities.

The District is served by the County Laboratory at Stafford.

Results of certain swabs are given below.

DISEASE	RESULTS		TOTALS
	Negative	Positive	
Diphtheria	569	98	667
Tuberculosis	193	42	235

(b) Ambulance Station.

The ambulance service is run by the County Council and there is an Ambulance Station situated centrally in this District.

(c) Nursing in the Home.

The Home Nursing Services are provided by the County Council and the District Nurses occupy No. 2, Littleworth Avenue, Woodsetton.

(d) Hospitals.

The District is served by the following hospitals :—

GENERAL

Royal Hospital, Wolverhampton.
Guest Hospital, Dudley.

INFECTIOUS DISEASES

Moxley Hospital, Wednesbury.
Bilston Isolation Hospital.
Brierley Hill Isolation Hospital.

MATERNITY

Rosemary Ednam, Sedgley.
Women's Hospital, Wolverhampton.

OTHER

The Eye Infirmary, Wolverhampton.

SECTION D.

SANITARY CIRCUMSTANCES OF THE AREA

Water Supply.

Water is supplied to the district by the South Staffordshire Water Company and by the boroughs of Wolverhampton and Bilston.

The quality of the water in all areas has been good and eleven analyses in 1951 have all been satisfactory. But in certain areas supplied by Bilston the quantity has been unsatisfactory and great inconvenience has been suffered by the people in these areas.

The matter does not appear to have received from the Ministries concerned and from the Water Undertaking the urgent consideration and action which it has warranted.

Closet Accommodation.

There are now only a few houses in the district not connected to the Water Carriage System. This is due to the latter not being readily available, and in some cases the houses are too low for the Sewer.

Public Cleansing.

The Health Department is not responsible for this Service and supervision is by the Transport, Cleansing and Stores Committee of the Council.

SECTION E.

TABLES

TABLE 1

DEATHS FROM VARIOUS CAUSES

	CAUSES OF DEATH	MALES	FEMALES	TOTAL
1	Tuberculosis, Respiratory	11	7	18
2	Tuberculosis, Other	3	1	4
3	Syphilitic Diseases	—	1	1
4	Diphtheria	1	—	1
5	Whooping Cough	—	1	1
6	Meningococcal Infections	—	—	—
7	Acute Poliomyelitis	—	—	—
8	Measles	1	—	1
9	Other Infective and Parasitic Diseases	—	—	—
10	Malignant Neoplasm of Stomach	3	8	11
11	Malignant Neoplasm, Lung, Bronchus	5	—	5
12	Malignant Neoplasm, Breast	—	5	5
13	Malignant Neoplasm, Uterus	—	2	2
14	Other Malignant and Lymphatic Neoplasms	11	21	32
15	Leukaemia, Aleukaemia	—	—	—
16	Diabetes	1	4	5
17	Vascular Lesions of Nervous System	20	18	38
18	Coronary Disease, Angina	21	6	27
19	Hypertension with Heart Disease	3	8	11
20	Other Heart Disease	29	37	66
21	Other Circulatory Disease	1	5	6
22	Influenza	9	1	10
23	Pneumonia	8	10	18
24	Bronchitis	24	11	35
25	Other Diseases of Respiratory System	3	1	4
26	Ulcer of Stomach and Duodenum	5	4	9
27	Gastritis, Enteritis, and Diarrhoea	2	2	4
28	Nephritis and Nephrosis	3	2	5
29	Hyperplasia of Prostrate	—	—	—
30	Pregnancy, Childbirth, Abortion	—	1	1
31	Congenital Malformations	—	3	3
32	Other Defined and Ill-defined Diseases	33	30	63
33	Motor Vehicle Accidents	2	—	2
34	All Other Accidents	10	5	15
35	Suicide	—	1	1
36	Homicide and Operations of War	—	—	—
	TOTALS	209	195	404

TABLE II.
DEATHS FROM VARIOUS CAUSES 1942-1951.

	YEAR	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
	POPULATION	30,450	30,280	30,460	30,330	31,420	32,210	33,020	33,480	33,850	34,720
	CAUSE OF DEATH										
1	Heart Disease	51	50	47	61	65	63	54	84	104	104
2	Other Circulatory Diseases	6	4	1	5	6	7	5	6	8	6
3	Cerebral Haemorrhage, etc.	25	24	24	39	33	47	25	27	28	38
4	Cancer	30	36	40	53	39	55	43	44	48	55
5	Pneumonia	30	32	19	14	11	21	13	13	14	19
6	Bronchitis	20	12	29	28	26	26	30	45	35	35
7	Other Respiratory Diseases	3	2	2	2	5	8	2	—	1	4
8	Tuberculosis of Respiratory System	15	28	19	15	20	18	24	17	15	18
9	Other Tuberculosis	7	5	3	4	3	—	1	3	4	4
10	Diabetes	—	5	5	1	3	2	7	1	1	5
11	Peptic Ulcer	1	2	4	—	2	5	1	5	1	9
12	Gastritis, Enteritis, Diarrhoea	6	15	16	13	11	10	11	4	2	4
13	Nephritis, Nephrosis	4	6	10	5	3	5	10	3	2	5
14	Syphilitic Diseases	1	—	—	3	1	—	—	—	—	1
15	Congenital Malformations	18	18	28	14	14	16	14	10	4	3
16	Suicide	4	3	3	3	2	2	5	2	6	1
17	Motor Accidents	3	6	2	5	2	3	2	3	2	2
18	Other Violence	13	6	4	7	8	7	8	7	7	15
19	Influenza	2	9	3	3	5	5	2	5	4	10
20	Diphtheria	1	4	4	1	—	2	2	2	—	1
21	Whooping Cough	4	3	—	2	3	—	1	—	—	1
22	Measles	—	2	—	3	—	4	—	1	—	1
23	Acute Poliomyelitis	—	1	—	—	—	—	—	—	1	—
24	Pregnancy, Childbirth, Abortion	—	1	1	1	3	—	—	—	—	1
25	Cerebro Spinal Fever and Meningococcal Infections	—	—	—	1	—	1	—	—	—	—
26	All other causes, defined and ill-defined	39	41	30	49	37	40	28	48	60	63

TABLE III.
QUARTERLY SUMMARY OF DEATHS ARRANGED IN AGE GROUPS

	1st Qtr.		2nd Qtr.		3rd Qtr.		4th Qtr.		Total		Percent- age
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	
Under 1 year	4	1	2	1	7	3	2	3	15	8	5.7
2—5 years	4	2	—	—	—	1	—	2	4	5	2.2
6—10 years	—	—	—	1	1	—	—	1	1	2	0.7
11—15 years	1	—	—	—	—	—	—	—	1	—	0.2
16—25 years	—	—	1	1	—	3	2	2	3	6	2.2
26—35 years	3	1	2	—	3	—	5	1	13	2	3.7
36—45 years	2	2	2	1	4	—	2	1	10	4	3.4
46—55 years	8	3	4	3	6	7	6	3	24	16	9.9
56—65 years	12	13	10	7	9	6	10	7	41	33	18.3
66—80 years	27	38	16	15	11	19	20	14	74	86	39.8
81 yrs. and over	10	15	4	4	4	3	5	11	23	33	13.9
TOTALS	71	75	41	33	45	42	52	45	209	195	100

TABLE IV.
VITAL STATISTICS DURING 1942-1951.

Year	Population Estimate at the middle of each Year	Net Births		Deaths belonging to the District			
		No.	Rate per 1,000 Population	Under 1 yr. of age		At all Ages	
				No.	Rate per 1,000 Births	No.	Rate per 1,000 Population
1942	30,450	657	21.53	38	57.83	168	9.62
1943	30,280	683	22.55	42	61.49	316	10.43
1944	30,460	695	22.8	45	64.7	296	9.71
1945	30,330	623	20.53	29	46.54	335	11.04
1946	31,420	652	20.74	30	46.01	302	9.61
1947	32,210	690	21.4	35	50.7	349	10.83
1948	33,020	615	19.68	26	42.26	288	8.66
1949	33,480	610	18.82	13	20.83	317	9.46
1950	33,850	582	17.19	28	47.3	347	10.25
1951	34,720	581	16.73	24	41.3	404	11.6

TABLE V.

**BIRTH-RATES, DEATH-RATES, ANALYSIS OF MORTALITY AND
CASE-RATES FOR CERTAIN DISEASES FOR THE YEAR 1951.**

	England and Wales	126 County Boroughs and Great Towns including London	148 Smaller Towns (Resident Populations 25,000 to 50,000 at 1931 Census)	COSELEY 1951 Crude Rates
	Rates per 1,000 Civilian Population			
Births :				
Live Births	15.5	17.3	16.7	16.73
Still Births	0.36	0.45	0.38	0.29
Deaths :				
All Causes	12.5	13.4	12.5	11.6
Typhoid & Paratyphoid	0.00	0.00	0.00	0.00
Whooping Cough	0.01	0.01	0.01	0.03
Diphtheria	0.00	0.00	0.00	0.03
Tuberculosis	0.31	0.37	0.31	0.63
Influenza	0.38	0.36	0.38	0.29
Smallpox	0.00	0.00	0.00	0.00
Acute Poliomyelitis (in- cluding Polioencephalitis)	0.00	0.01	0.01	0.00
Pneumonia	0.61	0.65	0.63	0.51
(Notifications Corrected)				
Typhoid Fever	0.00	0.00	0.00	0.00
Paratyphoid Fever	0.02	0.03	0.02	0.06
Meningococcal Infection	0.03	0.04	0.03	0.00
Scarlet Fever	1.11	1.20	1.20	2.68
Whooping Cough	3.87	3.62	4.00	7.74
Diphtheria	0.02	0.02	0.03	1.69
Erysipelas	0.14	0.15	0.12	0.26
Smallpox	0.00	0.00	0.00	0.00
Measles	14.07	13.93	14.82	19.26
Pneumonia	0.99	1.04	0.96	4.28
Acute Poliomyelitis (in- cluding Polioencephalitis)				
Paralytic	0.03	0.03	0.03	0.03
Non-paralytic	0.02	0.02	0.03	0.03
Food Poisoning	0.13	0.15	0.08	0.11
	Rates per 1,000 Live Births			
Deaths :				
All causes under 1 year of age	29.6	33.9	27.6	41.3
Enteritis and Diarrhoea under 2 years of age	1.4	1.6	1.0	1.72
	Rates per 1,000 Total (Live and Still) Births			
(Notifications Corrected)				
Puerperal Fever and Pyrexia	10.66	13.77	8.08	0.00

TABLE VI.

INFANT MORTALITY IN COSELEY DURING THE YEAR 1951.

DEATHS FROM STATED CAUSES AT VARIOUS AGES UNDER ONE YEAR.

CAUSE OF DEATH	Under one week	1—2 weeks	2—3 weeks	3—4 weeks	Total under one month	2—3 mths.	4—6 mths.	7—9 mths.	10—12 mths.	Total deaths under one year
	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.	M. F.
T.B. Meningitis	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
Miliary Tuberculosis	— —	— —	— —	— —	— —	— —	— —	— —	— —	— —
Bronchitis	— —	— —	— —	1 —	1 —	— —	— —	— —	1 —	2 —
Pneumonia	— —	— —	— —	— —	— —	1 1	— —	— —	— —	1 1
Other Respiratory Diseases	2 —	— —	— —	1 1	3 1	1 1	— 1	— —	— —	4 3
Diarrhoea and Enteritis	— —	— —	— —	— —	— —	— 1	— —	— —	— —	— 1
Congenital debility	1 —	— —	— —	— —	1 —	— —	— —	— —	— —	1 —
Prematurity	2 —	— —	— —	— —	2 —	— —	— —	— —	— —	2 —
Other Diseases	3 1	1 —	1 —	— 1	5 2	— 1	— —	— —	— —	5 3
TOTALS	8 1	1 —	1 —	2 2	12 3	2 4	— 1	— —	1 —	15 8

TABLE VII.

DEATHS FROM SPECIFIED INFECTIOUS DISEASES 1942-1951

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Enteric Fever	—	—	—	—	—	—	—	—	—	—
Scarlet Fever	—	—	—	—	—	—	—	—	—	—
Diphtheria	1	4	4	1	—	2	2	2	—	1
Whooping Cough	4	3	—	2	3	—	1	—	—	1
Diarrhoea (under 2 years)	6	4	10	5	5	5	4	2	—	—
Measles	—	2	—	3	—	4	—	1	—	1
TOTALS	11	13	14	11	8	11	7	5	—	3

TABLE VIII.

DEATHS IN INSTITUTIONS DURING 1951.

	MALES				FEMALES				TOTAL			
	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.	1st Qtr.	2nd Qtr.	3rd Qtr.	4th Qtr.
Royal Hospital, W'hampton	8	2	2	3	2	3	1	4	10	5	3	7
Women's Hospital, W'hampton	—	—	—	—	—	—	—	—	—	—	—	—
Guest Hospital, Dudley	1	—	2	2	4	—	1	—	5	—	3	2
Burton Road	6	4	1	6	7	4	8	8	13	8	9	14
Sandfield House, Wordsley	1	4	2	1	—	—	1	2	1	4	3	3
County Mental Hospital	—	1	—	1	2	—	—	—	2	1	—	1
Infectious Diseases Hospital	—	—	—	—	—	—	—	—	—	—	—	—
Sanatoria	—	—	1	—	—	—	—	—	—	—	1	—
323, W'ton Road, Heath Town	2	1	—	3	4	2	1	4	6	3	1	7
Others	5	1	4	6	1	5	4	3	6	6	8	9
TOTALS	23	13	12	22	20	14	16	21	43	27	28	43
YEARLY	70				71				141			

TABLE IX.

AGE GROUPS OF INFECTIOUS DISEASES (EXCLUDING TUBERCULOSIS)—CONFIRMED CASES

DISEASE	Under 1 year		1-2 years		2-3 years		3-4 years		4-5 years		6-10 years		11-15 years		16-25 years		26-45 years		46-65 years		66 & over		At all ages	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Diphtheria	—	—	1	—	2	3	1	2	3	—	10	16	10	2	2	—	2	—	—	—	—	—	31	27
Scarlet Fever	—	—	2	3	4	3	3	1	7	6	29	26	—	5	1	—	3	—	—	—	—	49	44	
Erysipelas	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	2	1	4	—	3	6	
Pneumonia	3	6	2	2	2	7	1	7	4	5	11	6	3	1	5	10	19	7	16	12	6	72	75	
Opthalmia Neonatorum	—	3	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	
Poliomyelitis	2	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	—	
Meningitis	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
Whooping Cough	20	18	13	16	25	22	17	21	16	22	28	48	2	2	1	—	—	—	—	—	—	122	149	
Measles	12	14	34	35	39	41	27	37	39	51	144	149	5	27	4	9	—	7	—	—	—	304	370	
Typhoid Fever	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	1	—	
Gastro Enteritis	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	
Dysentery	—	—	—	—	1	—	—	1	2	1	—	—	—	—	1	—	1	2	—	—	1	5	5	
Food Poisoning	—	—	—	—	—	—	—	—	—	—	—	1	—	—	—	—	2	—	—	1	—	2	2	
TOTALS	36	41	54	56	73	76	49	69	71	85	222	246	20	37	14	21	30	20	17	17	6	13	592	681

TABLE XI.

DISEASES NOTIFIED (EXCLUDING TUBERCULOSIS) DURING 1951

	Total Cases Notified	Admitted to Hospital	No. of Cases Revised	No. of Confirmed Cases	Total Deaths
Diphtheria	92	89	34	58	1
Scarlet Fever	94	63	1	93	—
Meningitis	—	—	—	—	—
Pneumonia	150	18	3	147	18
Erysipelas	9	1	—	9	—
Ophthalmia Neonatorum	3	—	—	3	—
Poliomyelitis	2	2	—	2	—
Whooping Cough	271	2	—	271	1
Measles	674	6	—	674	1
Dysentery, Food poisoning	16	1	2	14	—
Typhoid and Paratyphoid					
Fever	1	1	—	1	—
Gastro Enteritis	1	1	—	1	—
TOTALS	1,313	184	40	1,273	21

TABLE XII.

MONTHLY NOTIFICATION OF INFECTIOUS DISEASES

MONTHS	Diphtheria	Scarlet Fever	Erysipelas	Pneumonia	Food Poisoning	Ophthalmia Neonatorum	Poliomyelitis	Meningitis	Gastro Enteritis	Whooping Cough	Measles	Dysentery	Typhoid Fever	TOTALS
January	3	2	1	25	—	1	—	—	—	21	138	5	—	196
February	4	3	—	22	—	—	—	—	—	29	150	—	—	208
March	9	8	1	14	—	—	—	—	—	22	193	—	—	247
April	5	6	—	5	—	—	1	—	—	24	100	1	—	142
May	5	4	1	15	—	—	1	—	—	15	33	1	—	75
June	4	9	—	3	—	1	—	—	—	17	17	3	—	54
July	2	5	—	3	—	—	—	—	—	16	11	—	—	37
August	6	3	—	6	2	—	—	—	—	50	23	—	—	90
September	6	6	—	5	—	—	—	—	—	17	4	—	—	38
October	8	15	2	17	—	—	—	—	1	15	2	—	—	60
November	5	21	2	7	2	—	—	—	—	14	—	—	1	52
December	1	11	2	25	—	1	—	—	—	31	3	—	—	74
TOTALS	58	93	9	147	4	3	2	—	1	271	674	10	1	1,273

TABLE XIII.
NEW CASES AND DEATHS FROM TUBERCULOSIS 1951.

AGE GROUPS	NEW CASES			TOTAL NEW CASES		DEATHS			TOTAL DEATHS	
	Pulmonary		Non- Pulmonary	M.	F.	M.	F.	Non- Pulmonary	M.	F.
	M.	F.	M.							
0—1 Years	1	—	—	1	1	—	—	—	—	—
2—5	—	2	1	2	1	—	—	—	1	—
6—10	—	—	—	—	—	—	—	1	—	1
11—15	—	1	1	—	2	—	—	—	—	—
16—20	3	6	1	4	6	—	3	—	—	3
21—25	4	5	—	4	6	—	1	—	1	1
26—35	6	4	—	6	4	3	—	—	1	—
36—45	9	1	1	10	1	2	—	—	2	—
46—65	8	4	1	9	4	5	3	—	5	3
66 and over	3	—	—	3	—	1	—	—	1	—
TOTALS	34	23	4	38	26	11	7	3	14	8

TABLE XIV.

DEATHS FROM TUBERCULOSIS DURING THE YEARS 1946-1951

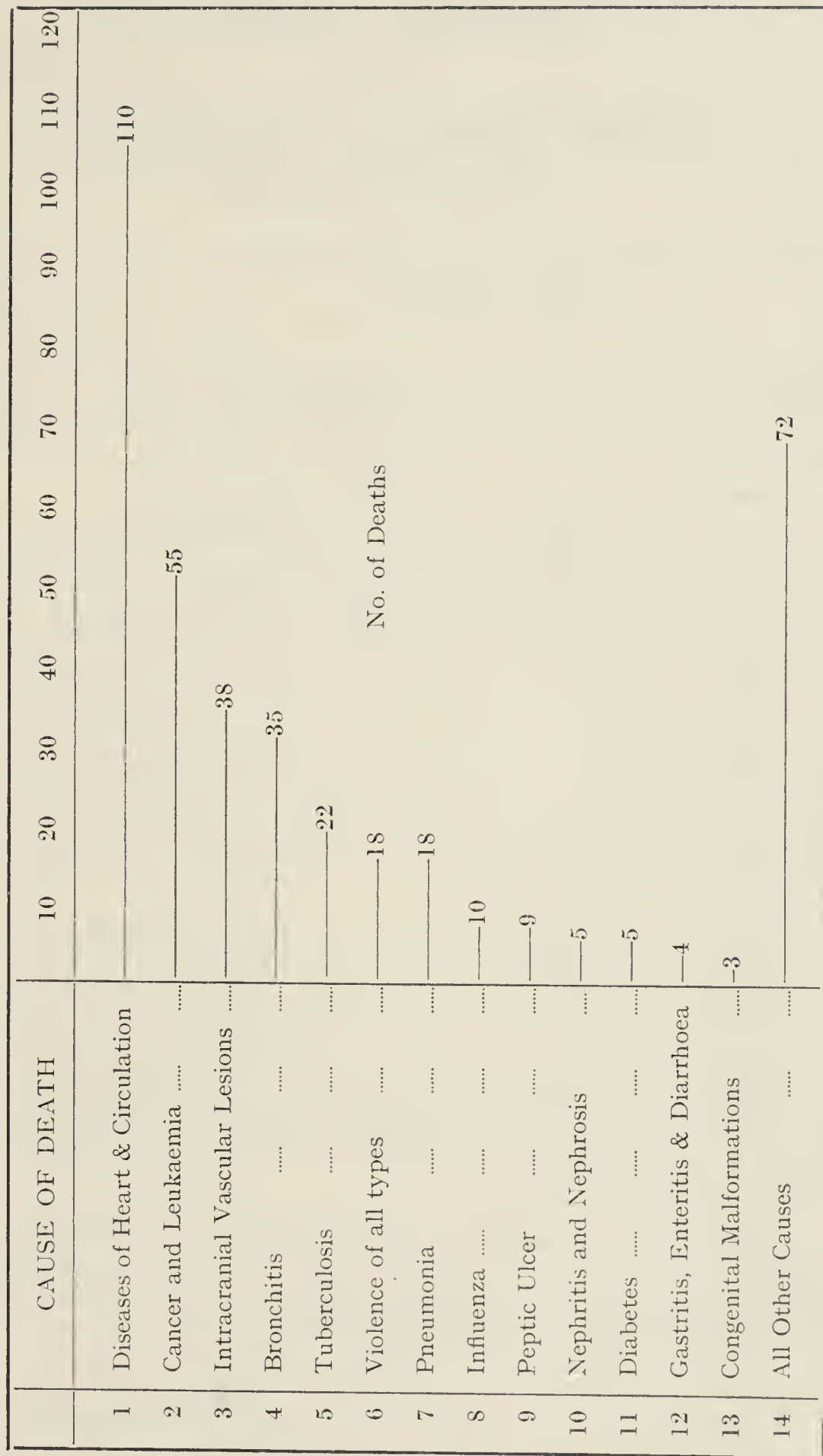
YEAR	DEATHS				TOTAL DEATHS	
	Pulmonary		Non-Pulmonary			
	M.	F.	M.	F.	M.	F.
1946	10	10	2	1	12	11
1947	7	11	—	—	7	11
1948	14	10	1	—	15	10
1949	12	5	3	—	15	5
1950	10	5	2	2	12	7
1951	11	7	3	1	14	8

TABLE XV.

CANCER DEATHS—AGE GROUPS AND PARTS AFFECTED

	1-15 years		16-25 years		26-35 years		36-45 years		46-65 years		66 & Over		TOTAL	
	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.	M.	F.
Lung and Bronchus	—	—	—	—	—	—	1	—	3	—	2	—	6	—
Breast	—	—	—	—	—	—	—	—	—	1	—	4	—	5
Caecum, Colon, Rectum	—	—	—	—	—	—	—	—	1	6	1	5	2	11
Stomach & Oesophagus	—	—	—	—	—	—	1	—	1	1	2	7	4	8
Ovaries and Uterus	—	—	—	—	—	—	—	—	—	4	—	—	—	4
Brain	—	—	—	—	—	—	—	—	1	3	—	—	1	3
Liver-gall, Bladder, Pancreas	—	—	—	—	—	—	—	—	—	3	1	1	1	4
Kidney, Bladder, Prostate	—	—	—	—	—	—	—	—	2	—	1	1	3	1
Ext. Genitals	—	—	—	—	—	—	—	—	—	—	—	1	—	1
Miscellaneous	—	—	—	—	—	—	1	—	2	—	—	1	3	1
TOTALS	—	—	—	—	—	—	3	—	10	18	7	20	20	38

CHART SHOWING PRINCIPAL CAUSES OF DEATH IN COSELEY IN 1951



ANNUAL REPORT

OF THE

Chief Sanitary Inspector

FOR THE YEAR 1951

*To the Lady Chairman and Members of the
Health Committee,
Coseley Urban District Council.*

MADAM CHAIRMAN, LADIES AND GENTLEMEN,

I have pleasure in presenting my report on the sanitary circumstances of the district for the year 1951.

Increased attention was given to food preparation premises during the year. Although the conditions in the food premises were not always what one would desire, there was a steady improvement in this direction. While Model Bye-Laws issued by the Ministry of Food have been adopted, and have proved useful, in my opinion there are many gaps that still require closing.

Atmospheric Pollution has been given attention and thought. The problem today is not so much "black smoke," but dust, grit and gritty particles. Each plant presents a problem of its own, and requires a knowledge of engineering technique; I have found most firms ready to co-operate, the difficulty has usually been knowing what best to advise.

The time is drawing near when a new overcrowding survey on the lines of the 1935 one should be undertaken, so as to ascertain the immediate housing needs of the Area, and to obtain accurate information on families which are overcrowded or sharing a house. At the same time it is desirable that there should be an inspection and classification of all houses to ascertain their standard of fitness, and whether they can reasonably be made to comply with the requirements of the Act, or whether they should be demolished within a given period.

I should like to tender my thanks for the help and assistance I have received from the Staff during the year. Their whole-hearted support and co-operation, along with that of the Medical Officer of Health, have been very encouraging.

Yours faithfully,

G. H. PARKES,
CHIEF SANITARY INSPECTOR.

SECTION F.

GENERAL SUPERVISION

Routine Inspections.

The total inspections of all types numbered 7,924. The number of complaints of all types dealt with was 1,086 and 3,060 visits were paid in connection with the following up of notices.

Notices.

340 "Preliminary" and 320 "Abatement" notices were served during the year.

Public Health Act 1936.

Legal action concerning notices served under the Public Health Act, 1936, and not complied with was taken in the following instances :—

23, Rainbow Street,
71, 72, 73, Ward Street.
Ettingshall House, Hallfield Road.

Summary of Inspections

Atmospheric Observations	.....	.....	.....	66
Bakehouses	.....	.....	.....	49
Back-to-back house survey	.....	.....	.....	321
Complaints	.....	.....	.....	1,086
Checking re overcrowding	.....	.....	.....	41
Drains inspected	.....	.....	.....	102
Factories	.....	.....	.....	58
Food preparing premises	.....	.....	.....	143
Fried fish shops	.....	.....	.....	121
Houses disinfected	.....	.....	.....	195
Houses disinfested	.....	.....	.....	93
Houses inspected	.....	.....	.....	104
Houses inspected (Rent Act)	.....	.....	.....	5
Infectious Diseases	.....	.....	.....	287
Ice Cream premises	.....	.....	.....	176
Meat shops	.....	.....	.....	500
Moveable Dwellings	.....	.....	.....	272
Offensive trades	.....	.....	.....	49
Other food shops	.....	.....	.....	101
Outworkers premises	.....	.....	.....	331
Pig-keeping	.....	.....	.....	97
Slaughterhouses	.....	.....	.....	120
Slaughter on private premises	.....	.....	.....	45
Works ordered	.....	.....	.....	2,173
Work in progress	.....	.....	.....	887
Miscellaneous visits	.....	.....	.....	502
				TOTAL 7,924

Rodent Control.

During the year the Rodent Operator paid 570 visits to Private houses re infestations of rats and mice. 12 Factories, etc., were treated for payment quarterly. The sewers were treated twice in accordance with the requirements of the Ministry of Agriculture and Fisheries; also the brook courses, tips, etc., were treated.

SECTION G.

HOUSING ACT 1936. Section 11.

The following houses were represented during the year :—

Broad Lanes, 106, 107, 108.	Dock Meadow, 5, 9a.
Hall Green Street, 9, 11/12.	Johnson Street, 12.
Daisy Street, 13, 14, 15, 16.	Parkes Hall Road, 25, 26.
Lorne Street, 23, 24, 26, 27, 28.	

Demolition orders were made on the following properties :—
As above list.

Houses demolished due to action taken :—

Beacon Street, 11, 12, 13.	Summerhill Road, 97.
Dock Meadow, 5, 9a.	Yew Tree Lane, 16.
High Street, 11.	

Houses occupied on which demolition orders are operative :—

Parkes Hall Road, 25, 26, 14.	Parkfield Colliery, 6.
Parkfield Road, 735.	

Houses void on which demolition orders are operative :—

Brierley Lane, 18, 19.	High Street, 134.
Duck Street, 4, 10, 11.	Parkfield Road, 734, 740.
Havacre Lane, 9.	Prestons Row, 1.
Mason Street, 65, 66.	Parkes Hall Road, 10, 11, 12, 13.
Stanleys Lane, 9, 10.	

SECTION H.

Inspection and Supervision of Foods.

During the year, 120 visits were paid to Gill's Bacon Factory, Parkfield Road, and 45 visits to private premises on the occasion of the slaughter of pigs.

The number of animals slaughtered and inspected was as follows :—

CARCASES INSPECTED AND CONDEMNED

	Cattle exclud- ing Cows	Cows	Calves	Sheep and Lambs	Pigs
Number killed (if known)	Nil.	Nil.	Nil.	Nil.	3,407
Number inspected	Nil.	Nil.	Nil.	Nil.	3,407
All diseases except Tuberculosis Whole carcase condemned	Nil.	Nil.	Nil.	Nil.	Nil.
Carcases of which some part or organ was condemned	Nil.	Nil.	Nil.	Nil.	3
Percentage of the number in- spected infected with disease other than T.B.	Nil.	Nil.	Nil.	Nil.	0.09
Tuberculosis only: whole carcases condemned	Nil.	Nil.	Nil.	Nil.	2
Carcases of which some part or organ was condemned	Nil.	Nil.	Nil.	Nil.	85
Percentage of the number in- spected infected with Tuber- culosis	Nil.	Nil.	Nil.	Nil.	2.5

Ice Cream.

At the end of 1951 there were 53 registered premises for the sale of ice cream, of these 15 were registered during the year.

The majority of these premises sell pre-packed ice cream only and this to some extent lessens the risk of faulty handling.

Lollipops.

These preparations are without doubt very popular, particularly with children, but at the moment there are no standards, neither are shop-keepers, etc., called upon to register their premises. While we endeavour to get conditions comparable with the requirements for the making and sale of ice cream we find that this does not appertain generally throughout the country, much to our disadvantage.

Milk (Special Designation) Regulations 1949.

During the year the following licences were issued :—

“ Tuberculin Tested ”—6.

“ Sterilised ”—71.

“ Pasterurised ”—8.

Fried Fish Premises.

There are 31 fish frying premises in the district, and during the year under review 121 visits have been made. We endeavour to keep the conditions of preparation at a reasonable level of cleanliness at all times. One can say, that the occupiers are co-operative, and in no instance have we had to resort to Statutory action.

Condemned Meat and Other Foods.

		<i>Approx. Weights</i>
87 Pigs' heads affected with Tuberculosis	.....	1,051 lbs.
46 Pigs' fries affected with Tuberculosis	.....	251 lbs.
9 Pairs of lungs affected with Pneumonia	.....	17 lbs.
7 Pigs' livers affected with Cirrhosis	.....	29 lbs.
3 Pigs' hearts affected with Pericarditis	.....	3 lbs.
2 Pigs' carcasses affected with Tuberculosis	.....	264 lbs.
1 Pig's carcase : Badly fevered	.....	178 lbs.
TOTAL		1,793 lbs.

Other Foods.

	<i>Tins</i>		<i>Tins</i>
Apple Sauce	1	Herrings in tomatoes	1
Apples, sliced	2	Luncheon meat	5
Apples and Blackcurrants	1	Meat paste	10
Beans in Tomatoes	4	Meat and gravy	2
Bislings	2	Milk (full cream)	11
Blackcurrants	27	Milk, evaporated	28
Beans, baked	2	Mixed vegetables	2
Beef loaf (minced)	2	Marmalade	4
Bananas	84	Oranges	1
Cherries	20	Peeled shrimps	2
Cod roe	1	Plums	21
Chicken soup	1	Peaches	4
Chicken	1	Pears, Bartlett	1
Crab	1	Pilchards	5
Carrots	2	Pork brawn	2
Chopped pork	7	Pork	2
Chocolate spread	1	Raspberries	2
Damsons	8	Rabbit	1
Dried eggs	1	Rhubarb	1
Fruit Salad	3	Soups	3
Grapefruit	1	Salmon	2
Greengages	1	Strawberries	11
Garden peas	20	Silds	1
Horse-radish	2	Spaghetti and Sausage	2

Other Foods—continued

	<i>Tins</i>		<i>Jars</i>
Spaghetti	52	Damsons	1
Soya Cream	5	Fruit salad	1
Sardines	4	Fruit in syrup	5
Stewed steak	2	Greengage jam	2
Tomatoes	53	Gooseberries	1
Tomato soup	2	Pears	15
Tomato sauce	1		
Veal, jellied	1		<i>Bottles</i>
Veal loaf	4	Pears	4
Veal and Ham	1	Peaches	1
		Plums	1
	<i>Jars</i>		
Bloater paste	65		<i>Packets</i>
Chutney & pickled onions	54	Dates	39
Cod liver oil and malt	2	Oxo cubes	120

Various Food Stuffs.

<i>No.</i>	<i>Canned Hams and Countries of Origin</i>	<i>Weights</i>
1	Australia	5 lbs.— 8 oz.
7	Belgium	67 lbs.—14 oz.
6	English	79 lbs.—12 oz.
8	French	94 lbs.— 7 oz.
25	Germany	257 lbs.—13 oz.
3	Holland	32 lbs.— 6 oz.
1	Italy (miniature)	6 oz.
2	Poland	23 lbs.— 3 oz.
	English Bacon	29 lbs.—12 oz.
	Dried prunes	7 lbs.— 0 oz.
	Dutch coconut macaroons	198 lbs.— 0 oz.

PESTS ACT 1949

Sewers.

During the year ending March 31st, 1952, certain portions of the sewer maholes were treated twice in accordance with the instruction of the Ministry of Agriculture and Fisheries. These proved that we had no serious infestations.

Dwelling Houses.

126 houses were treated for rat infestation for which 708 clean baits were laid and 196 poison baits.

Business Premises.

12 factories were treated for minor rat infestations.

Council Properties.

Certain Council owned properties (not including houses) were also treated, including the Civic Restaurant and Stores, Brook courses, tips and large Air-raid shelters, etc.

Drains.

Upon request thirty-three drains were rodded for payment by the Rodent Operator during the year. The owners of property find this a useful adjunct to the Services. It must be understood that we do not open up ground, replace or repair drains.

Atmospheric Pollution.

This is a subject bristling with difficulties to be overcome, for the Health Department is not only called upon to deal with black smoke due to incomplete combustion and unsatisfactory smoking, but also with dust, grit, etc., and the odours from metal smelting. It was considered that pulverised fuel, with automatic stoking was the answer, but time has proved particularly, at one foundry, that air-borne particles of carbon have been a greater evil than black smoke. Much thought and co-operation has been given by the management and quite an amount of money expended, but without the desired results. Further experiments are being carried out which will in due course, I feel quite sure, have the desired effects. Dust and grit pollutions have their own specified problems, and it does appear to me that when factories are about to be built or enlarged, it may be a good thing to have the services of a competent engineer for advice on furnaces, dust extractors, etc.

I should like to mention the practical services rendered by Mr. Starbuck, Chief Analyst of Messrs. Stewart & Lloyds and his Staff, who month by month carry out the Analysis which is required in the research into Atmospheric Pollution which this area is conducting in conjunction with the Department of Scientific and Medical Research.

Disinfections.

195 houses were disinfected after cases of Diphtheria, Scarlet Fever, and terminal Pulmonary Tuberculosis.

Disinfestations.

These premises are treated as soon as possible after we have inspected and found vermin present. Usually the infestations come

to our notice due to the tenants change of residence, and sometimes through a friend who wants to be helpful. Considering the overcrowding that is known to exist, the infestations are not high in proportion.

Offensive Trades.

There is only one offensive trade premises (gut scraping) in the district ; this is visited regularly ; it is always maintained in a clean, sanitary condition.

SECTION I.

FACTORIES ACT, 1937 and 1948

Part 1 of the Act

1.—Inspections for purposes of provisions as to health (including inspections made by Sanitary Inspectors).

Premises	Number on Register	Number of		
		Inspections	Written notices	Occupiers prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities	19	98	2	Nil.
(ii) Factories not included in (i) in which Section 7 is enforced by the local Authority	93	178	5	Nil.
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding out-workers premises)	Nil.	Nil.	Nil.	Nil.
TOTAL	112	276	7	Nil.

2.—Cases in which **Defects** were found.

Particulars	Number of cases in which defects were found				Number of cases in which prosecutions were instituted
	Found	Remedied	Referred To H.M. Inspector	By H.M. Inspector	
Want of cleanliness	6	6	Nil.	Nil.	Nil.
Overcrowding	Nil.	Nil.	Nil.	Nil.	Nil.
Unreasonable temperature	Nil.	Nil.	Nil.	Nil.	Nil.
Inadequate ventilation	Nil.	Nil.	Nil.	Nil.	Nil.
Ineffective drainage of floors	Nil.	Nil.	Nil.	Nil.	Nil.
Sanitary Conveniences					
(a) insufficient	Nil.	1	Nil.	1	Nil.
(b) Unsuitable or defective	Nil.	Nil.	Nil.	Nil.	Nil.
(c) Not separate for sexes	Nil.	Nil.	Nil.	Nil.	Nil.
Other offences against the Act (not including offences relating to Outwork)	Nil.	Nil.	Nil.	Nil.	Nil.
TOTAL	6	7	Nil.	1	Nil.

Part VIII of the Act

OUTWORK

(Sections 110 and 111)

Nature of Work	SECTION 110			SECTION 111		
	No. of inspections in August list required by Sect. 110 (1) (c)	No. of cases of default in sending lists to the Council	No. of prosecutions for failure to supply lists	No. of instances of work in unwholesome premises	Notices served	Prosecutions
Wearing apparel (Making, etc., Cleaning and Washing)	2	Nil.	Nil.	Nil.	Nil.	Nil.
Carding, etc. of buttons, etc.	83	Nil.	Nil.	Nil.	Nil.	Nil.
TOTAL	85	Nil.	Nil.	Nil.	Nil.	Nil.

Outworkers Premises.

331 Outworkers' premises have been visited during the year.
No case of Infectious Disease has been notified among them.

